

Measure It



QUESTION: How are length, mass and volume measured?

MATERIALS:

- | | |
|--------------------|-------------|
| balance | meter stick |
| fruit (assorted) | sand |
| graduated cylinder | string |

PROCEDURE:

1. Use the equipment supplied to complete the necessary measurements.
2. Complete the data tables by recording the measurement of each item. Round answers to the nearest 0.1 unit.

DATA:

CHART 1 – BODY PARTS (cm)

BODY PART	MEASUREMENT
Height	
Right foot	
Ankle (circumference)	
Wrist (circumference)	
Waist (circumference)	
Neck (circumference)	

CHART 2 – MASS (gm)

ITEM	MEASUREMENT
Banana	
Apple	
Avocado	

CHART 3 – VOLUME (mL)

ITEM	MEASUREMENT
Handful of sand	
Mouthful of water	

QUESTIONS:

1. Which SI units were used in this activity?
2. For each of the following pairs of measures, circle the larger of the two.
 - a.) 2.3 m or 48.2 cm
 - b.) 29 km or 295.6 cm
 - c.) 40.5 g or 390 cg
 - d.) 2.02 kg or 2178 mg
 - e.) 357 mL or 36 L
 - f.) 0.456 L or 50 mL
3. What advantage do SI units of measure have over English units?
4. Which represents a greater amount, a kilogram or a pound?